

Studying anisotropic natural core GR-201 and NAV-221 by NMR

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Abstract

The paper presents results of the research core GR-201 and the NAV-221, characterized by spatial anisotropy. Translational mobility of the molecules diffusing in dependence not only on the diffusion time, but the orientation of the sample relative to the direction of the external magnetic field gradient is studied.

Keywords

Nuclear magnetic resonance (NMR), Porous media, Relaxation, Self-diffusion